

**Milwaukee/WOW Projections, 2005-2007**  
**Summary Level Occupational Groups**

SOC Code	Occupational Title	Estimated Employment <sup>(1)</sup>				Annual Openings			Estimated Salary and Wages		
		2005	2007	Change	% Change	New Jobs	Replacements <sup>(2)</sup>	Total <sup>(3)</sup>	Avg Ann Salary <sup>(5)</sup>	Entry Level Wage <sup>(6)</sup>	Experienced Wage <sup>(7)</sup>
00-0000	<b>Total, All Occupations</b>	<b>828,340</b>	<b>847,120</b>	<b>18,780</b>	<b>2.27%</b>	<b>9,390</b>	<b>20,080</b>	<b>29,470</b>	<b>\$39,179</b>	<b>\$8.79</b>	<b>\$23.86</b>
11-0000	Management Occupations	32,080	32,920	840	2.62%	420	530	950	\$94,967	\$23.91	\$56.53
13-0000	Business and Financial Operations Occupations	36,120	37,150	1,030	2.85%	520	580	1,100	\$56,018	\$15.70	\$32.55
15-0000	Computer and Mathematical Occupations	18,060	18,890	830	4.60%	420	210	630	\$61,738	\$19.24	\$34.90
17-0000	Architecture and Engineering Occupations	16,090	16,450	360	2.24%	180	350	530	\$58,514	\$18.70	\$32.85
19-0000	Life, Physical, and Social Science Occupations	7,050	7,260	210	2.98%	110	170	280	\$57,721	\$16.14	\$33.56
21-0000	Community and Social Services Occupations	15,700	16,250	550	3.50%	280	270	550	\$38,771	\$12.24	\$21.84
23-0000	Legal Occupations	4,880	4,930	50	1.02%	30	50	80	\$83,291	\$18.48	\$50.82
25-0000	Education, Training, and Library Occupations	42,170	43,660	1,490	3.53%	750	810	1,560	\$43,227	\$11.87	\$25.24
27-0000	Arts, Design, Entertainment, Sports, and Media Occupations	11,530	11,800	270	2.34%	140	210	350	\$41,562	\$10.45	\$24.75
29-0000	Healthcare Practitioners and Technical Occupations	42,680	44,540	1,860	4.36%	930	710	1,640	\$65,654	\$16.07	\$39.31
31-0000	Healthcare Support Occupations	24,520	25,580	1,060	4.32%	530	360	890	\$24,955	\$9.10	\$13.45
33-0000	Protective Service Occupations	12,690	12,920	230	1.81%	120	390	510	\$36,760	\$9.11	\$21.96
35-0000	Food Preparation and Serving Related Occupations	64,200	66,090	1,890	2.94%	950	3,130	4,080	\$18,160	\$5.97	\$10.11
37-0000	Building and Grounds Cleaning and Maintenance Occupations	30,690	31,660	970	3.16%	490	600	1,090	\$22,425	\$7.29	\$12.53
39-0000	Personal Care and Service Occupations	26,340	27,580	1,240	4.71%	620	620	1,240	\$21,174	\$7.19	\$11.67
41-0000	Sales and Related Occupations	76,460	77,630	1,170	1.53%	590	2,830	3,420	\$39,048	\$7.53	\$24.40
43-0000	Office and Administrative Support Occupations	149,560	150,420	860	0.58%	430	3,450	3,880	\$30,216	\$9.44	\$17.07
45-0000	Farming, Fishing, and Forestry Occupations	610	630	20	3.28%	10	20	30	\$25,028	\$7.33	\$14.38
47-0000	Construction and Extraction Occupations	29,480	30,650	1,170	3.97%	590	540	1,130	\$46,252	\$14.26	\$26.22
49-0000	Installation, Maintenance, and Repair Occupations	29,730	30,310	580	1.95%	290	640	930	\$40,206	\$12.29	\$22.85
51-0000	Production Occupations	98,140	99,020	880	0.90%	440	2,270	2,710	\$31,930	\$9.59	\$18.23
53-0000	Transportation and Material Moving Occupations	59,550	60,790	1,240	2.08%	620	1,350	1,970	\$29,574	\$8.08	\$17.29

Please see notes on last page

**Milwaukee/WOW Projections, 2005-2007**  
**Occupation Summary by Education/Training Level**

Education/Training Level	Number of Occupations	Estimated Employment <sup>(1)</sup>				Annual Openings		
		2005	2007	Change	% Change	New Jobs	Replacements <sup>(2)</sup>	Total <sup>(3)</sup>
First professional degree	20	8,950	9,190	240	3%	120	130	250
Doctoral degree	44	5,810	6,100	290	5%	150	140	290
Master's degree	43	18,330	18,960	630	3%	320	350	670
Bachelor's or higher degree, plus work experience	34	30,080	30,830	750	2%	380	500	880
Bachelor's degree	112	117,730	121,850	4,120	3%	2,060	2,070	4,130
Associate degree	39	23,620	24,450	830	4%	420	390	810
Postsecondary vocational training	55	47,730	48,730	1,000	2%	500	930	1,430
Work experience in a related occupation	40	44,020	44,850	830	2%	420	880	1,300
Long-term on-the-job training	86	57,080	58,530	1,450	3%	730	1,270	2,000
Moderate-term on-the-job training	174	186,780	189,800	3,020	2%	1,510	3,770	5,280
Short-term on-the-job training	135	288,220	293,840	5,620	2%	2,810	9,840	12,650
<b>Total, All Occupations</b>	<b>782</b>	<b>828,350</b>	<b>847,130</b>	<b>18,780</b>	<b>2%</b>	<b>9,390</b>	<b>20,270</b>	<b>29,690</b>

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**Milwaukee/WOW Projections, 2005-2007**
**Fifty Fastest Growing Occupations, with employment of at least 200**

SOC Code	Occupational Title	Estimated Employment <sup>(1)</sup>				Annual Openings			Typical Education/Training Path <sup>(4)</sup>	Estimated Salary and Wages		
		2005	2007	Change	% Change	New Jobs	Replacements <sup>(2)</sup>	Total <sup>(3)</sup>		Avg Ann Salary <sup>(5)</sup>	Entry Level Wage <sup>(6)</sup>	Experienced Wage <sup>(7)</sup>
15-1081	Network Systems and Data Communications Analysts	1,190	1,290	100	8.40%	50	10	60	Bachelor's degree	\$59,212	\$20.66	\$32.37
21-1013	Marriage and Family Therapists	250	270	20	8.00%	10	10	20	Master's degree	\$69,872	\$16.75	\$42.02
31-1011	Home Health Aides	4,880	5,270	390	7.99%	200	60	260	Short-term on-the-job training	\$20,599	\$8.71	\$10.50
15-1031	Computer Software Engineers, Applications	3,190	3,430	240	7.52%	120	30	150	Bachelor's degree	\$69,250	\$24.65	\$37.61
31-9092	Medical Assistants	1,880	2,020	140	7.45%	70	30	100	Moderate-term on-the-job training	\$28,583	\$11.22	\$15.00
39-9021	Personal and Home Care Aides	8,170	8,770	600	7.34%	300	120	420	Short-term on-the-job training	\$19,139	\$7.72	\$9.94
29-1071	Physician Assistants	410	440	30	7.32%	20	10	30	Bachelor's degree			
15-1032	Computer Software Engineers, Systems Software	1,200	1,280	80	6.67%	40	10	50	Bachelor's degree	\$87,512	\$28.51	\$48.85
17-2081	Environmental Engineers	310	330	20	6.45%	10	10	20	Bachelor's degree	\$70,580	\$24.07	\$38.87
29-1011	Chiropractors	310	330	20	6.45%	10	10	20	First professional degree	\$146,094	\$44.37	\$83.17
15-1071	Network and Computer Systems Administrators	1,890	2,010	120	6.35%	60	20	80	Bachelor's degree	\$59,191	\$20.85	\$32.26
49-9021	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	1,460	1,550	90	6.16%	50	20	70	Long-term on-the-job training	\$37,565	\$11.21	\$21.48
29-1126	Respiratory Therapists	490	520	30	6.12%	20	20	40	Associate degree	\$50,123	\$20.12	\$26.09
21-1023	Mental Health and Substance Abuse Social Workers	660	700	40	6.06%	20	10	30	Master's degree	\$39,954	\$14.48	\$21.57
25-2011	Preschool Teachers, Except Special Education	3,010	3,190	180	5.98%	90	30	120	Bachelor's degree	\$22,642	\$8.94	\$11.86
29-2021	Dental Hygienists	1,350	1,430	80	5.93%	40	10	50	Associate degree	\$54,833	\$24.53	\$27.28
11-9031	Education Administrators, Preschool and Child Care Center/Program	340	360	20	5.88%	10	10	20	Bachelor's or higher degree, plus work experience			
21-1093	Social and Human Service Assistants	2,400	2,540	140	5.83%	70	40	110	Moderate-term on-the-job training	\$27,431	\$9.42	\$15.07
31-9091	Dental Assistants	1,550	1,640	90	5.81%	50	40	90	Moderate-term on-the-job training	\$29,493	\$11.45	\$15.54
11-9021	Construction Managers	520	550	30	5.77%	20	10	30	Bachelor's degree	\$97,103	\$31.05	\$54.50
15-1061	Database Administrators	520	550	30	5.77%	20	10	30	Bachelor's degree	\$64,255	\$21.40	\$35.64
47-2181	Roofers	720	760	40	5.56%	20	20	40	Moderate-term on-the-job training	\$37,692	\$11.92	\$21.22
13-1071	Employment, Recruitment, and Placement Specialists	1,280	1,350	70	5.47%	40	20	60	Bachelor's degree	\$49,579	\$14.85	\$28.33
31-2021	Physical Therapist Assistants	370	390	20	5.41%	10	10	20	Associate degree	\$39,943	\$16.15	\$20.73
25-1121	Art, Drama, and Music Teachers, Postsecondary	370	390	20	5.41%	10	10	20	Master's degree	\$56,305		
47-2051	Cement Masons and Concrete Finishers	1,120	1,180	60	5.36%	30	20	50	Moderate-term on-the-job training	\$41,599	\$14.38	\$22.81
41-9011	Demonstrators and Product Promoters	760	800	40	5.26%	20	20	40	Moderate-term on-the-job training	\$21,225	\$7.47	\$11.57
19-1042	Medical Scientists, Except Epidemiologists	380	400	20	5.26%	10	10	20	Doctoral degree	\$65,620	\$20.82	\$36.91
29-1111	Registered Nurses	15,240	16,030	790	5.18%	400	280	680	Bachelor's degree	\$56,643	\$22.61	\$29.54
29-2034	Radiologic Technologists and Technicians	1,360	1,430	70	5.15%	40	20	60	Associate degree	\$50,262	\$19.29	\$26.60
25-1011	Business Teachers, Postsecondary	390	410	20	5.13%	10	10	20	Doctoral degree	\$74,179		
29-2071	Medical Records and Health Information Technicians	1,180	1,240	60	5.08%	30	20	50	Associate degree	\$30,412	\$10.49	\$16.68
25-2041	Special Education Teachers, Preschool, Kindergarten, and Elementary School	800	840	40	5.00%	20	20	40	Bachelor's degree	\$47,786		
25-9021	Farm and Home Management Advisors	200	210	10	5.00%	10	<5	10	Bachelor's degree	\$43,103	\$14.78	\$23.69
27-2012	Producers and Directors	200	210	10	5.00%	10	<5	10	Bachelor's or higher degree, plus work experience	\$54,727	\$15.41	\$31.76
51-9123	Painting, Coating, and Decorating Workers	200	210	10	5.00%	10	10	20	Short-term on-the-job training	\$23,568	\$9.14	\$12.43
47-3015	Helpers--Pipefitters, Plumbers, Pipefitters, and Steamfitters	200	210	10	5.00%	10	10	20	Short-term on-the-job training	\$29,208	\$11.24	\$15.44
29-2011	Medical and Clinical Laboratory Technologists	1,210	1,270	60	4.96%	30	30	60	Bachelor's degree	\$50,841	\$18.95	\$27.19
39-1021	First-Line Supervisors/Managers of Personal Service Workers	1,020	1,070	50	4.90%	30	30	60	Work experience in a related occupation	\$36,880	\$11.83	\$20.68
47-2221	Structural Iron and Steel Workers	410	430	20	4.88%	10	10	20	Long-term on-the-job training	\$48,651	\$18.66	\$25.75
13-2052	Personal Financial Advisors	1,050	1,100	50	4.76%	30	10	40	Bachelor's degree	\$93,638	\$20.02	\$57.52
41-9021	Real Estate Brokers	210	220	10	4.76%	10	<5	10	Postsecondary vocational training	\$70,005	\$15.63	\$42.67
31-2011	Occupational Therapist Assistants	210	220	10	4.76%	10	<5	10	Associate degree	\$35,473	\$14.07	\$18.54
29-1122	Occupational Therapists	850	890	40	4.71%	20	10	30	Master's degree	\$50,684	\$20.09	\$26.50
21-1022	Medical and Public Health Social Workers	640	670	30	4.69%	20	10	30	Master's degree	\$43,804	\$16.24	\$23.47
Also included in this list but not shown to protect the confidentiality of employers are the following occupations:												

**Milwaukee/WOW Projections, 2005-2007**

**Fifty Fastest Growing Occupations, with employment of at least 200**

SOC Code	Occupational Title	Estimated Employment <sup>(1)</sup>				Annual Openings			Typical Education/Training Path <sup>(4)</sup>	Estimated Salary and Wages		
		2005	2007	Change	% Change	New Jobs	Replacements <sup>(2)</sup>	Total <sup>(3)</sup>		Avg Ann Salary <sup>(5)</sup>	Entry Level Wage <sup>(6)</sup>	Experienced Wage <sup>(7)</sup>
17-2061	Computer Hardware Engineers	*	*	*	*	10	10	20	Bachelor's degree	\$78,087	\$30.53	\$41.05
47-3012	Helpers--Carpenters	*	*	*	*	10	20	30	Short-term on-the-job training	\$25,451	\$9.65	\$13.53
25-1071	Health Specialties Teachers, Postsecondary	*	*	*	*	20	20	40	Master's degree			
27-2023	Umpires, Referees, and Other Sports Officials	*	*	*	*	10	10	20	Long-term on-the-job training			
39-6021	Tour Guides and Escorts	*	*	*	*	10	10	20	Moderate-term on-the-job training	\$23,634	\$8.38	\$12.85

Sub-set totals	68,420	72,580	4,160	6.08%	2,180	1,170	3,350
Total, all occupations	828,340	847,120	18,780	2.27%	9,390	20,080	29,470
Percent of total	9.5%	9.9%	24.7%		25.6%	7.0%	12.9%

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**Milwaukee/WOW Projections, 2005-2007**  
**Fifty Occupations Losing the Most Jobs**

SOC Code	Occupational Title	Estimated Employment <sup>(1)</sup>				Annual Openings			Typical Education/Training Path <sup>(4)</sup>	Estimated Salary and Wages		
		2005	2007	Change	% Change	New Jobs	Replacements <sup>(2)</sup>	Total <sup>(3)</sup>		Avg Ann Salary <sup>(5)</sup>	Entry Level Wage <sup>(6)</sup>	Experienced Wage <sup>(7)</sup>
43-5081	Stock Clerks and Order Fillers	9,170	9,020	-150	-1.64%	<5	460	460	Short-term on-the-job training	\$21,756	\$7.30	\$12.04
43-6014	Secretaries, Except Legal, Medical, and Executive	12,990	12,880	-110	-0.85%	<5	230	230	Moderate-term on-the-job training	\$28,968	\$10.95	\$15.42
51-4031	Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic	3,850	3,750	-100	-2.60%	<5	90	90	Moderate-term on-the-job training	\$28,418	\$9.58	\$15.70
43-4071	File Clerks	1,510	1,410	-100	-6.62%	<5	50	50	Short-term on-the-job training	\$23,533	\$8.60	\$12.67
43-9051	Mail Clerks and Mail Machine Operators, Except Postal Service	1,270	1,180	-90	-7.09%	<5	40	40	Short-term on-the-job training	\$23,984	\$9.30	\$12.65
43-4151	Order Clerks	2,180	2,100	-80	-3.67%	<5	50	50	Short-term on-the-job training	\$28,881	\$9.93	\$15.86
43-9011	Computer Operators	890	830	-60	-6.74%	<5	20	20	Moderate-term on-the-job training	\$36,939	\$12.42	\$20.43
43-2011	Switchboard Operators, Including Answering Service	1,340	1,310	-30	-2.24%	<5	40	40	Short-term on-the-job training	\$22,961	\$8.39	\$12.36
51-6031	Sewing Machine Operators	990	960	-30	-3.03%	<5	10	10	Moderate-term on-the-job training	\$20,989	\$7.85	\$11.21
53-7063	Machine Feeders and Offbearers	900	870	-30	-3.33%	<5	30	30	Short-term on-the-job training	\$26,717	\$9.55	\$14.49
43-9022	Word Processors and Typists	790	760	-30	-3.80%	<5	20	20	Moderate-term on-the-job training	\$30,432	\$11.39	\$16.25
43-9071	Office Machine Operators, Except Computer	660	630	-30	-4.55%	<5	20	20	Short-term on-the-job training	\$26,259	\$8.85	\$14.51
51-2021	Coil Winders, Tapers, and Finishers	530	500	-30	-5.66%	<5	10	10	Short-term on-the-job training	\$25,972	\$9.37	\$14.05
51-9132	Photographic Processing Machine Operators	450	420	-30	-6.67%	<5	10	10	Short-term on-the-job training	\$20,249	\$7.70	\$10.75
43-4041	Credit Authorizers, Checkers, and Clerks	380	350	-30	-7.89%	<5	10	10	Short-term on-the-job training	\$30,789	\$11.42	\$16.49
51-4033	Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and Tenders, Metal and Plastic	1,880	1,860	-20	-1.06%	<5	30	30	Moderate-term on-the-job training	\$32,398	\$10.57	\$18.08
43-4131	Loan Interviewers and Clerks	1,650	1,630	-20	-1.21%	<5	20	20	Short-term on-the-job training	\$31,119	\$10.82	\$17.03
41-2022	Parts Salespersons	1,260	1,240	-20	-1.59%	<5	40	40	Moderate-term on-the-job training	\$31,361	\$10.08	\$17.58
51-5022	Prepress Technicians and Workers	1,000	980	-20	-2.00%	<5	20	20	Postsecondary vocational training	\$36,401	\$12.29	\$20.11
49-2022	Telecommunications Equipment Installers and Repairers, Except Line Installers	980	960	-20	-2.04%	<5	20	20	Postsecondary vocational training	\$49,568	\$19.33	\$26.08
43-5021	Couriers and Messengers	870	850	-20	-2.30%	<5	20	20	Short-term on-the-job training	\$21,119	\$6.57	\$11.95
53-6021	Parking Lot Attendants	420	400	-20	-4.76%	<5	10	10	Short-term on-the-job training	\$17,741	\$7.35	\$9.12
43-5041	Meter Readers, Utilities	210	190	-20	-9.52%	<5	10	10	Bachelor's or higher degree, plus work exp	\$28,926	\$9.86	\$15.93
43-5052	Postal Service Mail Carriers	2,460	2,450	-10	-0.41%	<5	70	70	Short-term on-the-job training	\$45,513	\$17.71	\$23.97
15-1021	Computer Programmers	2,400	2,390	-10	-0.42%	<5	50	50	Bachelor's degree	\$63,584	\$20.67	\$35.52
43-9041	Insurance Claims and Policy Processing Clerks	2,330	2,320	-10	-0.43%	<5	40	40	Moderate-term on-the-job training	\$31,163	\$11.68	\$16.63
51-4072	Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders, Metal and Plastic	2,030	2,020	-10	-0.49%	<5	50	50	Moderate-term on-the-job training	\$28,228	\$9.95	\$15.38
43-5053	Postal Service Mail Sorters, Processors, and Processing Machine Operators	1,360	1,350	-10	-0.74%	<5	30	30	Short-term on-the-job training	\$42,968	\$16.68	\$22.64
11-1031	Legislators	1,220	1,210	-10	-0.82%	<5	10	10	Bachelor's or higher degree, plus work exp	\$22,594	\$5.92	\$13.33
51-4034	Lathe and Turning Machine Tool Setters, Operators, and Tenders, Metal and Plastic	1,150	1,140	-10	-0.87%	<5	20	20	Moderate-term on-the-job training	\$34,079	\$11.98	\$18.58
51-9196	Paper Goods Machine Setters, Operators, and Tenders	1,150	1,140	-10	-0.87%	<5	20	20	Moderate-term on-the-job training	\$32,633	\$11.79	\$17.64
33-3012	Correctional Officers and Jailers	990	980	-10	-1.01%	<5	20	20	Moderate-term on-the-job training	\$36,412	\$14.55	\$18.99
41-3041	Travel Agents	770	760	-10	-1.30%	<5	20	20	Postsecondary vocational training	\$29,804	\$10.18	\$16.40
43-5111	Weighers, Measurers, Checkers, and Samplers, Recordkeeping	650	640	-10	-1.54%	<5	20	20	Short-term on-the-job training	\$25,235	\$8.91	\$13.75
51-4021	Extruding and Drawing Machine Setters, Operators, and Tenders, Metal and Plastic	600	590	-10	-1.67%	<5	20	20	Moderate-term on-the-job training	\$28,640	\$9.39	\$15.96
51-2023	Electromechanical Equipment Assemblers	510	500	-10	-1.96%	<5	10	10	Short-term on-the-job training	\$29,475	\$10.93	\$15.79
51-4071	Foundry Mold and Coremakers	460	450	-10	-2.17%	<5	10	10	Moderate-term on-the-job training	\$30,104	\$9.33	\$17.04
51-9022	Grinding and Polishing Workers, Hand	460	450	-10	-2.17%	<5	10	10	Moderate-term on-the-job training	\$25,834	\$9.58	\$13.84
17-3011	Architectural and Civil Drafters	340	330	-10	-2.94%	<5	10	10	Postsecondary vocational training	\$43,562	\$15.09	\$23.87
51-7042	Woodworking Machine Setters, Operators, and Tenders, Except Sawing	330	320	-10	-3.03%	<5	10	10	Moderate-term on-the-job training	\$28,584	\$9.52	\$15.86
27-3011	Radio and Television Announcers	290	280	-10	-3.45%	<5	10	10	Long-term on-the-job training	\$36,767	\$7.51	\$22.76
49-9031	Home Appliance Repairers	290	280	-10	-3.45%	<5	10	10	Long-term on-the-job training	\$33,084	\$14.03	\$16.84

**Milwaukee/WOW Projections, 2005-2007**  
**Fifty Occupations Losing the Most Jobs**

SOC Code	Occupational Title	Estimated Employment <sup>(1)</sup>				Annual Openings			Typical Education/Training Path <sup>(4)</sup>	Estimated Salary and Wages		
		2005	2007	Change	% Change	New Jobs	Replacements <sup>(2)</sup>	Total <sup>(3)</sup>		Avg Ann Salary <sup>(5)</sup>	Entry Level Wage <sup>(6)</sup>	Experienced Wage <sup>(7)</sup>
11-9131	Postmasters and Mail Superintendents	240	230	-10	-4.17%	<5	<5	<5	Work experience in a related occupation	\$67,533	\$26.08	\$35.66
51-9195	Molders, Shapers, and Casters, Except Metal and Plastic	210	200	-10	-4.76%	<5	10	10	Moderate-term on-the-job training	\$35,527	\$11.20	\$20.02
51-6061	Textile Bleaching and Dyeing Machine Operators and Tenders	100	90	-10	-10.00%	<5	<5	<5	Moderate-term on-the-job training	\$24,217	\$8.95	\$12.99
Also included in this list but not shown to protect the confidentiality of employers are the following occupations:												
41-9041	Telemarketers	*	*	*	*	<5	30	30	Short-term on-the-job training	\$28,971	\$9.73	\$16.03
51-9131	Photographic Process Workers	*	*	*	*	<5	10	10	Moderate-term on-the-job training			
43-2021	Telephone Operators	*	*	*	*	<5	<5	<5	Short-term on-the-job training			
51-6063	Textile Knitting and Weaving Machine Setters, Operators, and Tenders	*	*	*	*	<5	<5	<5	Long-term on-the-job training	\$24,346	\$9.18	\$12.97
51-6064	Textile Winding, Twisting, and Drawing Out Machine Setters, Operators, and Tenders	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training			

Sub-set totals	69,070	67,680	-1,390	-2.01%	<5	1,750	1,750
Total, all occupations	828,340	847,120	18,780	2.27%	9,390	20,080	29,470
Percent of total	8.3%	8.0%	-7.4%		0.0%	8.7%	5.9%

Please see notes on last page

**Milwaukee/WOW Projections, 2005-2007**  
**Fifty Occupations with the Most Jobs in 2007**

SOC Code	Occupational Title	Estimated Employment <sup>(1)</sup>				Annual Openings			Typical Education/Training Path <sup>(4)</sup>	Estimated Salary and Wages		
		2005	2007	Change	% Change	New Jobs	Replacements <sup>(2)</sup>	Total <sup>(3)</sup>		Avg Ann Salary <sup>(5)</sup>	Entry Level Wage <sup>(6)</sup>	Experienced Wage <sup>(7)</sup>
41-2031	Retail Salespersons	22,840	23,280	440	1.93%	220	920	1,140	Short-term on-the-job training	\$23,922	\$7.15	\$13.68
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	16,590	17,120	530	3.19%	270	310	580	Short-term on-the-job training	\$21,413	\$7.36	\$11.76
35-3021	Combined Food Preparation and Serving Workers, Including Fast Food	15,840	16,350	510	3.22%	260	860	1,120	Short-term on-the-job training	\$15,791	\$5.92	\$8.43
41-2011	Cashiers	16,040	16,040	0	0.00%	<5	1,040	1,040	Short-term on-the-job training	\$17,070	\$6.58	\$9.02
29-1111	Registered Nurses	15,240	16,030	790	5.18%	400	280	680	Bachelor's degree <sup>(8)</sup>	\$56,643	\$22.61	\$29.54
43-4051	Customer Service Representatives	15,460	15,940	480	3.10%	240	220	460	Moderate-term on-the-job training	\$32,743	\$10.70	\$18.26
43-9061	Office Clerks, General	15,540	15,710	170	1.09%	90	350	440	Short-term on-the-job training	\$24,159	\$8.16	\$13.34
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	14,950	15,180	230	1.54%	120	560	680	Short-term on-the-job training	\$24,504	\$7.77	\$13.78
43-3031	Bookkeeping, Accounting, and Auditing Clerks	13,950	14,060	110	0.79%	60	250	310	Moderate-term on-the-job training	\$31,652	\$10.92	\$17.37
51-2092	Team Assemblers	13,380	13,660	280	2.09%	140	340	480	Moderate-term on-the-job training	\$26,770	\$9.26	\$14.67
43-6014	Secretaries, Except Legal, Medical, and Executive	12,990	12,880	-110	-0.85%	<5	230	230	Moderate-term on-the-job training	\$28,968	\$10.95	\$15.42
35-3031	Waiters and Waitresses	12,130	12,520	390	3.22%	200	710	910	Short-term on-the-job training	\$15,971	\$5.91	\$8.56
53-3032	Truck Drivers, Heavy and Tractor-Trailer	10,930	11,210	280	2.56%	140	160	300	Moderate-term on-the-job training	\$37,823	\$13.70	\$20.43
31-1012	Nursing Aides, Orderlies, and Attendants	10,840	11,080	240	2.21%	120	130	250	Postsecondary vocational training	\$24,047	\$9.16	\$12.76
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	10,540	10,880	340	3.23%	170	270	440	Moderate-term on-the-job training	\$62,800	\$16.75	\$36.91
43-6011	Executive Secretaries and Administrative Assistants	10,280	10,490	210	2.04%	110	180	290	Moderate-term on-the-job training	\$36,462	\$13.13	\$19.73
43-5081	Stock Clerks and Order Fillers	9,170	9,020	-150	-1.64%	<5	460	460	Short-term on-the-job training	\$21,756	\$7.30	\$12.04
11-1021	General and Operations Managers	8,760	8,980	220	2.51%	110	150	260	Bachelor's or higher degree, plus work exp	\$106,407	\$24.88	\$64.30
39-9021	Personal and Home Care Aides	8,170	8,770	600	7.34%	300	120	420	Short-term on-the-job training	\$19,139	\$7.72	\$9.94
43-4171	Receptionists and Information Clerks	8,250	8,500	250	3.03%	130	210	340	Short-term on-the-job training	\$24,027	\$8.64	\$13.01
43-1011	First-Line Supervisors/Managers of Office and Administrative Support Workers	8,080	8,140	60	0.74%	30	160	190	Work experience in a related occupation	\$46,160	\$14.95	\$25.82
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	7,500	7,710	210	2.80%	110	160	270	Moderate-term on-the-job training	\$27,785	\$7.92	\$16.08
49-9042	Maintenance and Repair Workers, General	7,380	7,540	160	2.17%	80	130	210	Bachelor's or higher degree, plus work exp	\$36,509	\$12.30	\$20.18
25-2021	Elementary School Teachers, Except Special Education	7,070	7,270	200	2.83%	100	140	240	Bachelor's degree	\$50,074		
13-2011	Accountants and Auditors	6,940	7,170	230	3.31%	120	120	240	Bachelor's degree	\$62,293	\$20.32	\$34.76
53-3033	Truck Drivers, Light or Delivery Services	6,930	7,130	200	2.89%	100	60	160	Short-term on-the-job training	\$25,550	\$7.50	\$14.67
37-2012	Maids and Housekeeping Cleaners	6,570	6,740	170	2.59%	90	140	230	Short-term on-the-job training	\$18,041	\$7.04	\$9.49
53-7064	Packers and Packagers, Hand	6,540	6,690	150	2.29%	80	120	200	Short-term on-the-job training	\$21,181	\$6.67	\$11.94
25-9041	Teacher Assistants	6,290	6,500	210	3.34%	110	110	220	Associate degree	\$26,056		
51-1011	First-Line Supervisors/Managers of Production and Operating Workers	6,100	6,180	80	1.31%	40	120	160	Work experience in a related occupation	\$53,422	\$17.31	\$29.87
25-2031	Secondary School Teachers, Except Special and Vocational Education	5,810	5,960	150	2.58%	80	150	230	Bachelor's degree	\$52,440		
35-3011	Bartenders	5,520	5,660	140	2.54%	70	210	280	Short-term on-the-job training	\$20,326	\$6.84	\$11.24
47-2031	Carpenters	5,320	5,550	230	4.32%	120	80	200	Long-term on-the-job training	\$45,120	\$15.03	\$25.02
37-3011	Landscaping and Groundskeeping Workers	5,200	5,390	190	3.65%	100	110	210	Short-term on-the-job training	\$23,759	\$7.62	\$13.32
41-1011	First-Line Supervisors/Managers of Retail Sales Workers	5,270	5,280	10	0.19%	10	90	100	Work experience in a related occupation	\$40,800	\$11.67	\$23.59
31-1011	Home Health Aides	4,880	5,270	390	7.99%	200	60	260	Short-term on-the-job training	\$20,599	\$8.71	\$10.50
43-5071	Shipping, Receiving, and Traffic Clerks	5,120	5,160	40	0.78%	20	100	120	Short-term on-the-job training	\$27,461	\$9.31	\$15.15
39-9011	Child Care Workers	4,920	5,140	220	4.47%	110	140	250	Short-term on-the-job training	\$19,719	\$7.00	\$10.72
51-4041	Machinists	4,900	5,020	120	2.45%	60	110	170	Long-term on-the-job training	\$37,619	\$13.31	\$20.47
33-9032	Security Guards	4,650	4,760	110	2.37%	60	110	170	Short-term on-the-job training	\$24,222	\$8.58	\$13.18
43-3071	Tellers	4,500	4,520	20	0.44%	10	260	270	Short-term on-the-job training	\$21,042	\$8.23	\$11.06
35-2021	Food Preparation Workers	4,320	4,450	130	3.01%	70	200	270	Short-term on-the-job training	\$17,944	\$6.64	\$9.62
35-1012	First-Line Supervisors/Managers of Food Preparation and Serving Workers	4,300	4,440	140	3.26%	70	110	180	Work experience in a related occupation	\$30,700	\$10.53	\$16.87
53-7051	Industrial Truck and Tractor Operators	4,190	4,260	70	1.67%	40	80	120	Short-term on-the-job training	\$29,963	\$10.66	\$16.28
51-9198	Helpers--Production Workers	3,930	4,020	90	2.29%	50	120	170	Short-term on-the-job training	\$22,693	\$8.04	\$12.35

**Milwaukee/WOW Projections, 2005-2007**  
**Fifty Occupations with the Most Jobs in 2007**

SOC Code	Occupational Title	Estimated Employment <sup>(1)</sup>				Annual Openings			Typical Education/Training Path <sup>(4)</sup>	Estimated Salary and Wages		
		2005	2007	Change	% Change	New Jobs	Replacements <sup>(2)</sup>	Total <sup>(3)</sup>		Avg Ann Salary <sup>(5)</sup>	Entry Level Wage <sup>(6)</sup>	Experienced Wage <sup>(7)</sup>
49-3023	Automotive Service Technicians and Mechanics	3,810	3,890	80	2.10%	40	100	140	Postsecondary vocational training	\$37,206	\$11.25	\$21.21
21-2011	Clergy	3,830	3,890	60	1.57%	30	80	110	Master's degree	\$41,995	\$16.34	\$22.11
51-9111	Packaging and Filling Machine Operators and Tenders	3,730	3,770	40	1.07%	20	70	90	Short-term on-the-job training	\$25,164	\$8.03	\$14.13
51-4031	Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic	3,850	3,750	-100	-2.60%	<5	90	90	Moderate-term on-the-job training	\$28,418	\$9.58	\$15.70
15-1051	Computer Systems Analysts	3,570	3,720	150	4.20%	80	30	110	Bachelor's degree	\$66,876	\$23.31	\$36.58

Sub-set totals	422,910	432,670	9,760	2.31%	5,180	11,310	16,490
Total, all occupations	828,340	847,120	18,780	2.27%	9,390	20,080	29,470
Percent of total	51.1%	51.1%	52.0%		55.2%	56.3%	56.0%

Please see notes on last page



**Milwaukee/WOW Projections, 2005-2007**  
**Fifty Occupations with the Most New Jobs**

SOC Code	Occupational Title	Estimated Employment <sup>(1)</sup>				Annual Openings			Typical Education/Training Path <sup>(4)</sup>	Estimated Salary and Wages		
		2005	2007	Change	% Change	New Jobs	Replacements <sup>(2)</sup>	Total <sup>(3)</sup>		Avg Ann Salary <sup>(5)</sup>	Entry Level Wage <sup>(6)</sup>	Experienced Wage <sup>(7)</sup>
29-1111	Registered Nurses	15,240	16,030	790	5.18%	400	280	680	Bachelor's degree <sup>(8)</sup>	\$56,643	\$22.61	\$29.54
39-9021	Personal and Home Care Aides	8,170	8,770	600	7.34%	300	120	420	Short-term on-the-job training	\$19,139	\$7.72	\$9.94
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	16,590	17,120	530	3.19%	270	310	580	Short-term on-the-job training	\$21,413	\$7.36	\$11.76
	Combined Food Preparation and Serving Workers, Including Fast Food	15,840	16,350	510	3.22%	260	860	1,120	Short-term on-the-job training	\$15,791	\$5.92	\$8.43
43-4051	Customer Service Representatives	15,460	15,940	480	3.10%	240	220	460	Moderate-term on-the-job training	\$32,743	\$10.70	\$18.26
41-2031	Retail Salespersons	22,840	23,280	440	1.93%	220	920	1,140	Short-term on-the-job training	\$23,922	\$7.15	\$13.68
31-1011	Home Health Aides	4,880	5,270	390	7.99%	200	60	260	Short-term on-the-job training	\$20,599	\$8.71	\$10.50
35-3031	Waiters and Waitresses	12,130	12,520	390	3.22%	200	710	910	Short-term on-the-job training	\$15,971	\$5.91	\$8.56
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	10,540	10,880	340	3.23%	170	270	440	Moderate-term on-the-job training	\$62,800	\$16.75	\$36.91
53-3032	Truck Drivers, Heavy and Tractor-Trailer	10,930	11,210	280	2.56%	140	160	300	Moderate-term on-the-job training	\$37,823	\$13.70	\$20.43
51-2092	Team Assemblers	13,380	13,660	280	2.09%	140	340	480	Moderate-term on-the-job training	\$26,770	\$9.26	\$14.67
43-4171	Receptionists and Information Clerks	8,250	8,500	250	3.03%	130	210	340	Short-term on-the-job training	\$24,027	\$8.64	\$13.01
47-2031	Carpenters	5,320	5,550	230	4.32%	120	80	200	Long-term on-the-job training	\$45,120	\$15.03	\$25.02
13-2011	Accountants and Auditors	6,940	7,170	230	3.31%	120	120	240	Bachelor's degree	\$62,293	\$20.32	\$34.76
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	14,950	15,180	230	1.54%	120	560	680	Short-term on-the-job training	\$24,504	\$7.77	\$13.78
15-1031	Computer Software Engineers, Applications	3,190	3,430	240	7.52%	120	30	150	Bachelor's degree	\$69,250	\$24.65	\$37.61
31-1012	Nursing Aides, Orderlies, and Attendants	10,840	11,080	240	2.21%	120	130	250	Postsecondary vocational training	\$24,047	\$9.16	\$12.76
25-9041	Teacher Assistants	6,290	6,500	210	3.34%	110	110	220	Associate degree	\$26,056		
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	7,500	7,710	210	2.80%	110	160	270	Moderate-term on-the-job training	\$27,785	\$7.92	\$16.08
43-6011	Executive Secretaries and Administrative Assistants	10,280	10,490	210	2.04%	110	180	290	Moderate-term on-the-job training	\$36,462	\$13.13	\$19.73
39-9011	Child Care Workers	4,920	5,140	220	4.47%	110	140	250	Short-term on-the-job training	\$19,719	\$7.00	\$10.72
11-1021	General and Operations Managers	8,760	8,980	220	2.51%	110	150	260	Bachelor's or higher degree, plus work exp	\$106,407	\$24.88	\$64.30
37-3011	Landscaping and Groundskeeping Workers	5,200	5,390	190	3.65%	100	110	210	Bachelor's or higher degree, plus work exp	\$23,759	\$7.62	\$13.32
53-3033	Truck Drivers, Light or Delivery Services	6,930	7,130	200	2.89%	100	60	160	Short-term on-the-job training	\$25,550	\$7.50	\$14.67
25-2021	Elementary School Teachers, Except Special Education	7,070	7,270	200	2.83%	100	140	240	Bachelor's degree	\$50,074		
37-2012	Maids and Housekeeping Cleaners	6,570	6,740	170	2.59%	90	140	230	Short-term on-the-job training	\$18,041	\$7.04	\$9.49
43-9061	Office Clerks, General	15,540	15,710	170	1.09%	90	350	440	Short-term on-the-job training	\$24,159	\$8.16	\$13.34
25-2011	Preschool Teachers, Except Special Education	3,010	3,190	180	5.98%	90	30	120	Bachelor's degree	\$22,642	\$8.94	\$11.86
15-1051	Computer Systems Analysts	3,570	3,720	150	4.20%	80	30	110	Bachelor's degree	\$66,876	\$23.31	\$36.58
25-2031	Secondary School Teachers, Except Special and Vocational Education	5,810	5,960	150	2.58%	80	150	230	Bachelor's degree	\$52,440		
53-7064	Packers and Packagers, Hand	6,540	6,690	150	2.29%	80	120	200	Short-term on-the-job training	\$21,181	\$6.67	\$11.94
49-9042	Maintenance and Repair Workers, General	7,380	7,540	160	2.17%	80	130	210	Long-term on-the-job training	\$36,509	\$12.30	\$20.18
35-2021	Food Preparation Workers	4,320	4,450	130	3.01%	70	200	270	Short-term on-the-job training	\$17,944	\$6.64	\$9.62
31-9092	Medical Assistants	1,880	2,020	140	7.45%	70	30	100	Moderate-term on-the-job training	\$28,583	\$11.22	\$15.00
21-1093	Social and Human Service Assistants	2,400	2,540	140	5.83%	70	40	110	Moderate-term on-the-job training	\$27,431	\$9.42	\$15.07
35-1012	First-Line Supervisors/Managers of Food Preparation and Serving Workers	4,300	4,440	140	3.26%	70	110	180	Work experience in a related occupation	\$30,700	\$10.53	\$16.87
35-3011	Bartenders	5,520	5,660	140	2.54%	70	210	280	Short-term on-the-job training	\$20,326	\$6.84	\$11.24
41-4011	Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products	3,000	3,110	110	3.67%	60	80	140	Moderate-term on-the-job training	\$72,685	\$21.79	\$41.52
35-2011	Cooks, Fast Food	3,180	3,290	110	3.46%	60	130	190	Short-term on-the-job training	\$16,544	\$6.08	\$8.89
35-2014	Cooks, Restaurant	3,380	3,490	110	3.25%	60	130	190	Long-term on-the-job training	\$20,610	\$7.35	\$11.19
33-9032	Security Guards	4,650	4,760	110	2.37%	60	110	170	Short-term on-the-job training	\$24,222	\$8.58	\$13.18
43-3031	Bookkeeping, Accounting, and Auditing Clerks	13,950	14,060	110	0.79%	60	250	310	Moderate-term on-the-job training	\$31,652	\$10.92	\$17.37
15-1071	Network and Computer Systems Administrators	1,890	2,010	120	6.35%	60	20	80	Bachelor's degree	\$59,191	\$20.85	\$32.26
47-2111	Electricians	3,260	3,380	120	3.68%	60	60	120	Long-term on-the-job training	\$49,734	\$18.01	\$26.86
51-4041	Machinists	4,900	5,020	120	2.45%	60	110	170	Long-term on-the-job training	\$37,619	\$13.31	\$20.47

**Milwaukee/WOW Projections, 2005-2007**  
**Fifty Occupations with the Most New Jobs**

SOC Code	Occupational Title	Estimated Employment <sup>(1)</sup>				Annual Openings			Typical Education/Training Path <sup>(4)</sup>	Estimated Salary and Wages		
		2005	2007	Change	% Change	New Jobs	Replacements <sup>(2)</sup>	Total <sup>(3)</sup>		Avg Ann Salary <sup>(5)</sup>	Entry Level Wage <sup>(6)</sup>	Experienced Wage <sup>(7)</sup>
49-9021	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	1,460	1,550	90	6.16%	50	20	70	Long-term on-the-job training	\$37,565	\$11.21	\$21.48
31-9091	Dental Assistants	1,550	1,640	90	5.81%	50	40	90	Moderate-term on-the-job training	\$29,493	\$11.45	\$15.54
21-1021	Child, Family, and School Social Workers	1,940	2,030	90	4.64%	50	30	80	Master's degree	\$40,039	\$13.95	\$21.90
15-1041	Computer Support Specialists	2,990	3,080	90	3.01%	50	30	80	Associate degree	\$40,140	\$13.78	\$22.06
51-9198	Helpers--Production Workers	3,930	4,020	90	2.29%	50	120	170	Short-term on-the-job training	\$22,693	\$8.04	\$12.35

Sub-set totals	369,360	380,650	11,290	3.06%	5,790	9,100	14,890
Total, all occupations	828,340	847,120	18,780	2.27%	9,390	20,080	29,470
Percent of total	44.6%	44.9%	60.1%		61.7%	45.3%	50.5%

Please see notes on last page

**Milwaukee/WOW Projections, 2005-2007**

**Fifty Occupations with the Most Annual Openings**

SOC Code	Occupational Title	Estimated Employment <sup>(1)</sup>				Annual Openings			Typical Education/Training Path <sup>(4)</sup>	Estimated Salary and Wages		
		2005	2007	Change	% Change	New Jobs	Replacements <sup>(2)</sup>	Total <sup>(3)</sup>		Avg Ann Salary <sup>(5)</sup>	Entry Level Wage <sup>(6)</sup>	Experienced Wage <sup>(7)</sup>
41-2031	Retail Salespersons	22,840	23,280	440	1.93%	220	920	1,140	Short-term on-the-job training	\$23,922	\$7.15	\$13.68
35-3021	Combined Food Preparation and Serving Workers, Including Fast Food	15,840	16,350	510	3.22%	260	860	1,120	Short-term on-the-job training	\$15,791	\$5.92	\$8.43
41-2011	Cashiers	16,040	16,040	0	0.00%	<5	1,040	1,040	Short-term on-the-job training	\$17,070	\$6.58	\$9.02
35-3031	Waiters and Waitresses	12,130	12,520	390	3.22%	200	710	910	Short-term on-the-job training	\$15,971	\$5.91	\$8.56
29-1111	Registered Nurses	15,240	16,030	790	5.18%	400	280	680	Bachelor's degree <sup>(6)</sup>	\$56,643	\$22.61	\$29.54
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	14,950	15,180	230	1.54%	120	560	680	Short-term on-the-job training	\$24,504	\$7.77	\$13.78
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	16,590	17,120	530	3.19%	270	310	580	Short-term on-the-job training	\$21,413	\$7.36	\$11.76
51-2092	Team Assemblers	13,380	13,660	280	2.09%	140	340	480	Moderate-term on-the-job training	\$26,770	\$9.26	\$14.67
43-4051	Customer Service Representatives	15,460	15,940	480	3.10%	240	220	460	Moderate-term on-the-job training	\$32,743	\$10.70	\$18.26
43-5081	Stock Clerks and Order Fillers	9,170	9,020	-150	-1.64%	<5	460	460	Short-term on-the-job training	\$21,756	\$7.30	\$12.04
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	10,540	10,880	340	3.23%	170	270	440	Moderate-term on-the-job training	\$62,800	\$16.75	\$36.91
43-9061	Office Clerks, General	15,540	15,710	170	1.09%	90	350	440	Short-term on-the-job training	\$24,159	\$8.16	\$13.34
39-9021	Personal and Home Care Aides	8,170	8,770	600	7.34%	300	120	420	Short-term on-the-job training	\$19,139	\$7.72	\$9.94
43-4171	Receptionists and Information Clerks	8,250	8,500	250	3.03%	130	210	340	Short-term on-the-job training	\$24,027	\$8.64	\$13.01
43-3031	Bookkeeping, Accounting, and Auditing Clerks	13,950	14,060	110	0.79%	60	250	310	Moderate-term on-the-job training	\$31,652	\$10.92	\$17.37
53-3032	Truck Drivers, Heavy and Tractor-Trailer	10,930	11,210	280	2.56%	140	160	300	Moderate-term on-the-job training	\$37,823	\$13.70	\$20.43
43-6011	Executive Secretaries and Administrative Assistants	10,280	10,490	210	2.04%	110	180	290	Moderate-term on-the-job training	\$36,462	\$13.13	\$19.73
35-3011	Bartenders	5,520	5,660	140	2.54%	70	210	280	Short-term on-the-job training	\$20,326	\$6.84	\$11.24
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	7,500	7,710	210	2.80%	110	160	270	Moderate-term on-the-job training	\$27,785	\$7.92	\$16.08
35-2021	Food Preparation Workers	4,320	4,450	130	3.01%	70	200	270	Short-term on-the-job training	\$17,944	\$6.64	\$9.62
43-3071	Tellers	4,500	4,520	20	0.44%	10	260	270	Short-term on-the-job training	\$21,042	\$8.23	\$11.06
31-1011	Home Health Aides	4,880	5,270	390	7.99%	200	60	260	Short-term on-the-job training	\$20,599	\$8.71	\$10.50
11-1021	General and Operations Managers	8,760	8,980	220	2.51%	110	150	260	Bachelor's or higher degree, plus work exp	\$106,407	\$24.88	\$64.30
31-1012	Nursing Aides, Orderlies, and Attendants	10,840	11,080	240	2.21%	120	130	250	Postsecondary vocational training	\$24,047	\$9.16	\$12.76
39-9011	Child Care Workers	4,920	5,140	220	4.47%	110	140	250	Short-term on-the-job training	\$19,719	\$7.00	\$10.72
13-2011	Accountants and Auditors	6,940	7,170	230	3.31%	120	120	240	Bachelor's degree	\$62,293	\$20.32	\$34.76
25-2021	Elementary School Teachers, Except Special Education	7,070	7,270	200	2.83%	100	140	240	Bachelor's degree	\$50,074		
37-2012	Maids and Housekeeping Cleaners	6,570	6,740	170	2.59%	90	140	230	Short-term on-the-job training	\$18,041	\$7.04	\$9.49
25-2031	Secondary School Teachers, Except Special and Vocational Education	5,810	5,960	150	2.58%	80	150	230	Bachelor's degree	\$52,440		
35-3022	Counter Attendants, Cafeteria, Food Concession, and Coffee Shop	1,930	1,990	60	3.11%	30	200	230	Short-term on-the-job training	\$16,074	\$6.03	\$8.58
43-6014	Secretaries, Except Legal, Medical, and Executive	12,990	12,880	-110	-0.85%	<5	230	230	Moderate-term on-the-job training	\$28,968	\$10.95	\$15.42
25-9041	Teacher Assistants	6,290	6,500	210	3.34%	110	110	220	Associate degree	\$26,056		
37-3011	Landscaping and Groundskeeping Workers	5,200	5,390	190	3.65%	100	110	210	Short-term on-the-job training	\$23,759	\$7.62	\$13.32
49-9042	Maintenance and Repair Workers, General	7,380	7,540	160	2.17%	80	130	210	Long-term on-the-job training	\$36,509	\$12.30	\$20.18
35-9021	Dishwashers	3,380	3,480	100	2.96%	50	160	210	Short-term on-the-job training	\$15,203	\$5.88	\$8.02
47-2031	Carpenters	5,320	5,550	230	4.32%	120	80	200	Long-term on-the-job training	\$45,120	\$15.03	\$25.02
53-7064	Packers and Packagers, Hand	6,540	6,690	150	2.29%	80	120	200	Short-term on-the-job training	\$21,181	\$6.67	\$11.94
35-2011	Cooks, Fast Food	3,180	3,290	110	3.46%	60	130	190	Short-term on-the-job training	\$16,544	\$6.08	\$8.89
35-2014	Cooks, Restaurant	3,380	3,490	110	3.25%	60	130	190	Long-term on-the-job training	\$20,610	\$7.35	\$11.19
43-1011	First-Line Supervisors/Managers of Office and Administrative Support Workers	8,080	8,140	60	0.74%	30	160	190	Work experience in a related occupation	\$46,160	\$14.95	\$25.82
35-1012	First-Line Supervisors/Managers of Food Preparation and Serving Workers	4,300	4,440	140	3.26%	70	110	180	Work experience in a related occupation	\$30,700	\$10.53	\$16.87
33-9032	Security Guards	4,650	4,760	110	2.37%	60	110	170	Short-term on-the-job training	\$24,222	\$8.58	\$13.18
51-4041	Machinists	4,900	5,020	120	2.45%	60	110	170	Long-term on-the-job training	\$37,619	\$13.31	\$20.47
51-9198	Helpers--Production Workers	3,930	4,020	90	2.29%	50	120	170	Short-term on-the-job training	\$22,693	\$8.04	\$12.35
53-3033	Truck Drivers, Light or Delivery Services	6,930	7,130	200	2.89%	100	60	160	Short-term on-the-job training	\$25,550	\$7.50	\$14.67

**Milwaukee/WOW Projections, 2005-2007**  
**Fifty Occupations with the Most Annual Openings**

SOC Code	Occupational Title	Estimated Employment <sup>(1)</sup>				Annual Openings			Typical Education/Training Path <sup>(4)</sup>	Estimated Salary and Wages		
		2005	2007	Change	% Change	New Jobs	Replacements <sup>(2)</sup>	Total <sup>(3)</sup>		Avg Ann Salary <sup>(5)</sup>	Entry Level Wage <sup>(6)</sup>	Experienced Wage <sup>(7)</sup>
41-2021	Counter and Rental Clerks	2,570	2,650	80	3.11%	40	120	160	Short-term on-the-job training	\$24,418	\$6.62	\$14.30
51-1011	First-Line Supervisors/Managers of Production and Operating Workers	6,100	6,180	80	1.31%	40	120	160	Work experience in a related occupation	\$53,422	\$17.31	\$29.87
15-1031	Computer Software Engineers, Applications	3,190	3,430	240	7.52%	120	30	150	Bachelor's degree	\$69,250	\$24.65	\$37.61
41-4011	Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products	3,000	3,110	110	3.67%	60	80	140	Moderate-term on-the-job training	\$72,685	\$21.79	\$41.52
49-3023	Automotive Service Technicians and Mechanics	3,810	3,890	80	2.10%	40	100	140	Postsecondary vocational training	\$37,206	\$11.25	\$21.21

Sub-set totals	413,980	424,280	10,300	2.49%	5,400	11,620	17,020
Total, all occupations	828,340	847,120	18,780	2.27%	9,390	20,080	29,470
Percent of total	50.0%	50.1%	54.8%		57.5%	57.9%	57.8%

Please see notes on last page

## Notes

- (1) **Employment** is rounded to the nearest ten, with employment less than five rounded to zero. Totals may not add due to rounding. Employment is a count of jobs rather than people, and includes all part- and full-time nonfarm jobs. Employment does not include jobs among self-employed and unpaid family workers.
- (2) **Replacements** are an estimate of the number of job openings expected because people have permanently left a given occupation. Permanent exits occur if someone dies, retires, or otherwise leaves the labor force. Permanent exits also include openings resulting from someone permanently changing occupations. For example, a person leaves their job as a cashier and becomes a truck driver. Openings resulting from people changing employers, but staying in the same occupation are not included.
- (3) **Total openings** are the sum of new jobs and replacements.
- (4) **Typical Education and Training Path** gives a general indication of the education or training typically needed in the occupation. There may be other pathways into the occupation, as well as additional educational, training, or licensing requirements.

**Short-Term On-the-Job Training:** These occupations require no more than one month of on-the-job training and the training usually happens at the workplace.

**Moderate-Term On-the-Job Training:** Training for these occupations usually occurs at the workplace and lasts from one to twelve months.

**Long-Term On-the-Job Training:** These occupations require more than one year of on-the-job training, or combined work experience and classroom instruction.

**Work Experience in Related Occupation:** Occupations in this category require skills and experience gained in other jobs.

**Postsecondary Vocational Training:** These formal training programs last from a few weeks to more than a year, and are offered at vocational or technical schools.

**Associate Degree:** This degree requires two years of full-time academic work beyond high school.

**Bachelor's Degree:** This degree requires four or five years of full-time academic work at a college or university.

**Master's Degree:** This degree requires one to two years of full-time study beyond a bachelor's degree.

**Doctoral Degree:** This degree usually requires at least three years of full-time study beyond a bachelor's degree.

**First Professional Degree:** These degrees typically require at least two years of full-time study beyond a bachelor's degree.

**Bachelor's or higher degree, plus work experience:** These occupations require a bachelor's or higher degree, in addition to work experience in a related non-managerial position.

- (5) **Average Annual Salary:** An occupation's average hourly wage is calculated by summing the wages of all employees in a given occupation and then dividing by the total number of employees in that occupation. In most cases, the annual average salary is equal to the average hourly wage multiplied by 2,080.
- (6) **Entry Level Wage** is the average of the lower third of wages.
- (7) **Experienced Wage** is the average of the upper two-thirds of wages.
- (8) Either a bachelor's or an associate degree are accepted in this occupations. It depends on the specifics of the position and the employer.

Information is derived using 2005 CES (3/05 benchmark), 2005 QCEW, and 2005 OES data. Unpublished data from the US Bureau of Labor Statistics and the US Census Bureau is also used.

To the extent possible, the projections take into account anticipated changes in Wisconsin's economy during 2006 and 2007. It is important to note that unanticipated events may affect the accuracy of the projections.

**Source: Office of Economic Advisors, Wisconsin Department of Workforce Development  
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